APR 3 0 2004

05-02.04

TRANSMITTAL TRADEMARY			opplication Number			10/688,650			
			Filing Date			October 17, 2003			
			First Named Inventor			Nollert, Peter			
(to be used for all correspondence after initial filing)			Art Unit		1743				
			Examiner Name						
Total Number of Pages in Submission	s in This 6		Attorney Docket Number		018062-003130US				
ENCLOSURES (Check all that apply)									
Fee Transmittal Form	1	Drawin	ng(s)			After Allowance Communication to Group			
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences					
		Petition			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After Final		Petition to Convert to a Provisional Application			Proprietary Information				
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address			Status Letter				
Extension of Time Request		Terminal Disclaimer			$\boxtimes$		Enclosure(s) e identify below):		
Express Abandonment Request		Request for Refund CD, Number of CD(s)			Return Postcard				
Information Disclosure Statement		GB, Number of GB(s)							
Certified Copy of Priority Document(s)		Remarks The Commissioner is a Account 20-1430.			author	ized to	charge any additional fees to Deposit		
Response to Missing Parts/ Incomplete Application			_	J					
Response to Missing Parts under 37 CFR 1.52 or 1.53		,							
				ICANT, ATTORNEY,	OR A	AGEN	T		
l or	wnsend and T		nd Crev		- 00	444			
Individual WI	ndividual William F. Vodach Reg. No. 39,411								
Signature Willia F. Ufact									
Date April 30, 2004									
CERTIFICATE OF MAILING									
Express Mail Label: EV 291375672US  I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date April 30, 2004 and is addressed to:									
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  Typed or printed name Kay Barclay									
Signature	Tay Survive	X Sa	rulan			te	April 30, 2004		

FEE TRANSMITTAL APR 3 2004 Complete if Known

Application Number 10/688,650

Complete if Known

Application Number 10/688,650

October 17, 2003

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Examiner Name

Art Unit 1743

Attorney Docket No. 018062-003130US

TOTAL AMOUNT OF PAYMENT   (\$) 0	Attorney Docket No.   010002-00313003							
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit Card Money Order Other None	3. ADD	ITIONAL	FEES					
Deposit Account:	Large	Entity	Small	Entity				
	Fee		Fee		Fee Description	Fee		
Deposit Account 20-1430	Code	Fee (\$)	Code	Fee (\$)	·	Paid		
Number	1051	130	2051	65	Surcharge - late filing fee or oath			
Deposit	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.			
Account Townsend and Townsend and Crew LLP	1053	130	1053	130	Non-English specification			
Name	1812	2,520	1812	2,520	For filing a request for reexamination			
The Director is authorized to: (check all that apply)  Charge fee(s) indicated below Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge any additional fee(s) or any underpayment of fee(s)	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month			
to the above-identified deposit account.	1252	420	2252	210	Extension for reply within second month			
FEE CALCULATION	- '	720	~-					
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month			
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month			
Fee Fee Fee Fee Description Fee Paid						<b>├</b>		
Code (\$)   Code (\$)	1255	2,010	2255	1,005	Extension for reply within fifth month	-		
1001 770 2001 385 Utility filing fee	1401	330	2401	165	Notice of Appeal			
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal			
	1403 '	290	2403	145	Request for oral hearing			
1004         770         2004         385         Reissue filing fee           1005         160         2005         80         Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1)	1452	110	2452	55	Petition to revive – unavoidable			
SOBIOTAL (I)	1453	1,330	2453	665	Petition to revive – unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)			
Fee from	1502	480	2502	240	Design issue fee			
Extra Claims below Fee Paid	1503	640	2503	320	Plant issue fee			
Total Claims -** = X =	1460	130	1460	130	Petitions to the Commissioner			
Independent =	1807	50	1807	50	Petitions related to provisional applications			
Claims = Multiple = = = = = = = = = = = = = = = = = = =	1806	180 .	1806	180	Submission of Information Disclosure Stmt			
Dependent ^	8021	40	8021	40	Recording each patent assignment per			
Large Entity Small Entity			ł		property (times number of properties)			
Fee Fee Fee Fee <u>Fee Description</u> Code (\$)	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))			
1202 18 2202 9 Claims in excess of 20	1040	770	2810	385	For each additional invention to be			
1201 86 2201 43 Independent claims in excess of 3	1810	770	2010	300	examined (37 CFR § 1.129(b))			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)			
over original patent  ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application			
and over original patent	Other fe	e (specify	 		or a dough opphodnor			
SUBTOTAL (2) (\$)		- (0,000.1)	,		<del></del>	<u> </u>		
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	William F. Vobach	Registration No. (Attorney/Agent)	39,411	Telephone	303-571-4000		
Signature	Willia J.	Mod		Date	April 30, 2004		

"Express Mail" Label No. EV291395672U RADENTITOTHEY Docket

Out of Deposit 30, 2004

orney Docket No.: 018062-003130US

Client Ref. No.: 2000-026

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

By: Saw Balling

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter Nollert et al.

Application No.: 10/688,650

Filed: 10/17/03

For: METHOD AND APPARATUS FOR PREPARING LIPIDIC MESOPHASE

**MATERIAL** 

Customer No.: 20350

Confirmation No.: 1247

Examiner:

Technology Center/Art Unit: 1743

PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks. This Preliminary Amendment is being submitted in response to the Notice mailed April 5, 2004.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.